

WHOLE BODY MRI SCANNING WITH MOVING TABLE AND INTERACTIVE CONTROL

Abstract of Disclosure

The present invention includes a method and apparatus for high sensitivity whole body scanning using MR imaging. The invention includes acquiring MR data as the patient moves through the iso-center of the magnet while providing interactive control for the operator to change scan parameters and table motion and direction. The technique allows efficient whole body scanning for fast screening of abnormalities while allowing operator control during the screening process to interrupt table motion and redirect the speed and direction of the table while also allowing control over the acquisition plane, number of sections imaged, inter-section spacing, and the scan location.

The present invention includes a method and apparatus for high sensitivity whole body scanning using MR imaging. The invention includes acquiring MR data as the patient moves through the iso-center of the magnet while providing interactive control for the operator to change scan parameters and table motion and direction. The technique allows efficient whole body scanning for fast screening of abnormalities while allowing operator control during the screening process to interrupt table motion and redirect the speed and direction of the table while also allowing control over the acquisition plane, number of sections imaged, inter-section spacing, and the scan location.

Figures

APP-ID=10063829 PAGE 19 of 22